(14)

David Ellis
8532 N. Lamar Blvd.
Apt. # E239
Austin, TX 78753

Ok to print

Basil Wentworth
Editor, SyncWare News
1413 Elliston Drive
Bloomington, IN 47401

Dear Basil,

I was very surprised, indeed, to receive your query regarding "WINDOW". After sending that program in, I never did receive any acknowledgement and simply assumed that it had either been lost or that my cassette was unreadable. About 6 months after I submitted that entry I bought an IBM PCjr and gave the TS2068 and all its' program material to a friend whom I am no longer in contact with.

Of course you may print the program in SyncWare News. The color-coded BASIC lines were primarily to get your attention and were not indicative of my programming in general at the time and you may dispose of them as you please.
Although I would go about writing "WINDOW" differently now I wouldn't want to change anything as it demonstrates my approach to programming at the time. If you do decide to print it I would appreciate a proof as my copy (I do still have that) was printed on that $%^&* thermal paper and is in rather poor condition.

As for answering any questions regarding the program, however, I wouldn't be of very much help since I no longer have any of my 2068 material left and have long forgotten what some of those machine-specific BASIC instructions did.

I now program almost exclusively in Turbo Pascal (ver 4.0 at last!) on a PC-clone. The last Timex-related item I came across was to note that Thomas Woods has converted his excellent database program to IBM machines.

The address you have for me is correct except for the zip (78753 instead of 79753). My number has changed but if you need to contact me I can be reached at my work # of (512) 454-7739. If you are interested in a sample of my more recent programming efforts I can send you a free copy of an interactive order guide of shareware and public-domain programs for IBM machines put out by Software Distributors Clearinghouse (SDC).

Again, I thank you for your letter and interest "WINDOW" and wish the entire Timex community well.

Sincerely,

David Ellis

David Ellis

Copy

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1413 Elliston Drive
Bloomington, IN 47401
tel 812 336-0837
14 May 1988

David Ellis
8532 N. Lamar Blvd.
Apt. #E239
Austin, TX 78753

tel 512 ~~835-9416~~ 454-7739 work

Dear David,

As (fairly) recently appointed editor of SyncWare News, I cam e across your TS2068 contest entry, "WINDOW". I'd like to print it in an early issue, if it agrees with your current thinking.

I have a host or so of questions:

Are your address and telephone number still as listed above?

Will you still authorize us to print them, along with ~~your offer to answer questions related to the program~~? no

Would you like to rewrite the program before we print it, to reflect your later thoughts? no

I notice that you are no longer on our subscription list. I enclose information that will enable you to reinstate your subscription, if you're still interested. We like to think that SWN is still a high quality magazine.

According to the terms of the contest for which you entered your program, your material became our property. If, however, you feel that you have to rewrite the article extensively, we would pay you our regular authors' rates for the re-written material. Our rates now are $10 per actual two-column page as printed, to be somewhat reduced if extensive editorial work is needed. No rewrite

By the way, I will have to take a lot of the elegance (colors, etc.) out of your LISTing in order to get copy that reproduces well in black and white photocopy. I hope that this does not destroy the validity of your program. If you want, I'll send a proof of the final version for your o.k.

I can't find any indication whether my predecessor acknowledged your entry. If he did not, please forgive him. The number of entries was really overwhelming.

Yours truly,

Basil Wentworth
Editor, SyncWare News

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QL "

rough draft

INTRODUCTION

Window is a screen utility written in machine code and stored above ramtop. It enables the user to change the attributes behind a section of screen, with the original attributes being saved for future recall. The user pokes the row, column, length, and attribute information to certain addresses and then "turns on" the routine with a USR 65036. The Basic command USR 65028 will return the screen area to its original condition, assuming that none of the parameters have been changed.

PROGRAM DETAILS

Machine code USR calls:

USR 65036 (display)-Loads a user-defined section of the display with new attributes. The attributes previously stored there are stored elsewhere for safekeeping. Row, column, length, & attribute information must already be stored in the appropriate registers.

The routine returns with the present row # if o.k. or with the length if the requested area would run off the screen.

USR 65028 (normalize)-Returns the displayed area to its original attributes. If any of the registers (except attributes) has been changed, then the routine will load back to the new area. As with the display routine the normalize routine will return with the current row # or length depending on whether or not the area fits on the screen.

MODIFICATIONS

Short machine code routines to speed up scrolling can be written in just ahead of the main program. Such routines could replace the BASIC sequence:
RANDOMIZE USR 65028:POKE 65096,PEEK 65096+/-1:RANDOMIZE USR 65036.

If you have any questions I can be reached at:

David Ellis
8532 N. Lamar Blvd.
Apt. #E239
Austin, Tx 78753
Ph:(512) 835-9416

4-28-85

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Scroll V.1.0

Routines:

65028 - returns to a displayed area its original attributes

65036 - Loads a section of the display area with new attributes to highlight it. The previous attributes are stored away

Registers:

		range
65096	row (row)	0-21
65097	column (col)	0-255
65098	Length (LEN)	1-255
65099	attributes (atrt)	0-255
65100 … 65110	unused	
65111 … 65367	(STOR) used for storing attributes	

USR 65036 displays the area of the screen specified by row, column, + Length

all details on program tape